

MATERIALS		
ITEM	QUAN.	DESCRIPTION
1	1	DOUBLE DETECTOR CHECK VALVE ASSEMBLY
2	2	OS&Y RESILIENT SEAT GATE VALVES
3	4	TEST COCKS
4	2	COMPANION FLANGE(UNION SHALL BE USED FOR 2")
5		DUCTILE IRON PIPE, CUT TO FIT
6	2	MEGA LUG OR EQUIVALENT FOR DUCTILE PIPE
7	2	2" SCH. 40 GALV. PIPE STAND & BASE BOLTED TO FLANGE
8	1	PIT-CEMENT BLOCK, POURED CONCRETE, OR PREFABRICATED BOX PER CITY SPECS.
9	1	3/8 ALUMINUM FLOOR PLATE / HATCH COVER
10	1	3/4 CUBIC FT. METER ONLY
11	1	2' X 2' MIN. HATCH

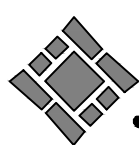
### NOTES:

1. FOR FINAL APPROVAL, ASSEMBLY MUST BE CENTERED IN ENCLOSURE (IF APPLICABLE). UNDER NO CONDITION WILL ANY CONNECTION BE ALLOWED BETWEEN THE SERVICE METER AND A BACKFLOW PREVENTER USED FOR THE SYSTEM CONTAINMENT. BACKFLOW PREVENTER SHALL ALWAYS BE INSTALLED DOWNSTREAM OF METER.
2. IF A PRESSURE MONITOR IS TO BE INSTALLED, ADD A TEE, VALVE, FITTINGS, AND MOUNT ON SUPPLY SIDE PRIOR TO BACKFLOW PREVENTER; UNDER NO CIRCUMSTANCE SHALL TEST PORTS BE MODIFIED OR UTILIZED FOR THIS OR OTHER APPLICATION, OTHER THAN BACKFLOW DEVICE TESTING.
3. IF ADDITIONAL SIAMESE CONNECTION IS REQUIRED FOR FIRE SERVICE, SEE DETAIL W12.

TYPICAL BELOW GRADE INSTALLATION  
(2", 3", 4", 6", 8", & 10" SIZES)

## DOUBLE DETECTOR CHECK VALVE ASSEMBLY FOR FIRE SYSTEM

STANDARD  
CONSTRUCTION  
DETAILS



CITY OF  
*savannah*  
WATER RESOURCES AND PUBLIC WORKS BUREAU  
Planning & Engineering

SCALE: N.T.S.

DATED: SEP 2013

PLATE NUMBER:

W14C